Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/502,729      | COHEN ET AL. |
| Examiner        | Art Unit     |
| Wai-Sing Louie  | 2814         |

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N ı Interference

Appeal Α 0 Objected

| Cla      | aim      | Date     |          |               |          |          |    | ]        | Claim    |          |     | Date  |          |  |          |            | $\neg$   |          |              |          |           |
|----------|----------|----------|----------|---------------|----------|----------|----|----------|----------|----------|-----|-------|----------|--|----------|------------|----------|----------|--------------|----------|-----------|
| Final    | Original | 8/10/01  | 3/28/02  | 11/1/02       | 4/11/03  | 11/8/03  |    |          |          |          |     | Final | Original |  |          |            |          |          |              |          |           |
|          | 1        | V        | V        | 7             | V        | V        |    | _        |          |          | 1   |       | 51       |  | $T^{-}$  |            |          | $\vdash$ | <u> </u>     |          | П         |
|          | 2        | V        | 1        | 1             | 1        | V        |    |          | ऻ        | ┢        | 1 1 |       | 52       |  | †        |            | T        | $\vdash$ | _            | _        | $\exists$ |
|          | 3        | V        | V        | 7             | 7        | 7        |    | -        |          | $\vdash$ |     |       | 53       |  | 1        |            | $\vdash$ | $\vdash$ | Т            |          | П         |
| _        | 4        | V        | V        | 1             | 1        | √.       |    | _        |          |          | 1   |       | 54       |  | $\top$   |            |          | $\vdash$ |              |          | П         |
|          | 5        | V        | 1        | $\overline{}$ | 1        | 1        |    |          |          | $\vdash$ |     |       | 55       | <del>      -</del>                               | 1-       |            |          | $\vdash$ | _            |          | $\sqcap$  |
|          | 6        | 1        | 1        | <b>V</b>      | 1        | <b>V</b> |    | _        | Т        |          | 1 1 |       | 56       |  | ┪┈       | <b>†</b> – | 1        | Г        |              |          |           |
|          | 7        | V        | 7        | 7             | 1        | 1        |    |          | $\vdash$ | $\vdash$ | 1 ' |       | 57       |  | 1        |            |          | _        |              | _        | $\Box$    |
|          | 8        | V        | 1        | <b>V</b>      | V        | ٧        |    | _        | T        |          | 1   |       | 58       |  |          |            |          | Τ        |              |          | П         |
|          | 9        | V        | V        |               | 1        | 1        |    |          |          | $\vdash$ | 1 ' |       | 59       |  | 1        |            |          | 1        |              |          | $\sqcap$  |
|          | 10       | V        | 1        | V             | 1        | 1        |    |          |          |          | 1   |       | 60       |  | $\top$   |            |          | Γ        |              |          | П         |
|          | 11       | V        | 1        | 1             | 1        | 7        |    |          |          | -        | 1 ' |       | 61       |  | 1        |            |          | Г        |              |          | П         |
|          | 12       | V        | 1        | 7             | 1        | V        | _  | -        |          |          | 1   |       | 62       |  | 1        |            | 1        |          |              |          |           |
|          | 13       | V        | 1        | <b>V</b>      | V        | V        |    |          |          |          |     |       | 63       |  | 1        | 1          |          | П        |              |          | $\sqcap$  |
|          | 14       | V        | V        | <b>V</b>      | 1        | 1        |    |          | Γ        |          | 1 . |       | 64       |  | _        |            | Π        |          |              |          |           |
|          | 15       | V        | V        | 7             | V        | V        |    |          |          |          | 1   |       | 65       |  | $\top$   | Ī          | T-       | Г        |              |          | П         |
|          | 16       | V        | 1        | 1             | V        | 1        |    |          | T        |          | 1   |       | 66       |  |          | 1          |          | Г        |              |          |           |
|          | 17       |          |          | Г             |          |          |    |          |          |          | 1   |       | 67       |  | 1        |            |          | 1        |              |          |           |
|          | 18       | Г        |          |               |          |          |    |          |          |          |     |       | 68       |  | $\top$   | Т          |          |          | Г            |          | $\Box$    |
|          | 19       |          |          |               |          |          |    |          | Г        |          | 1   |       | 69       |  |          |            |          |          |              |          |           |
|          | 20       |          |          |               |          |          |    |          |          |          | 1   |       | 70       |  | $\top$   |            |          |          |              |          | П         |
|          | 21       |          |          |               |          |          |    |          |          |          | 1   |       | 71       |  |          |            | Γ        |          |              |          |           |
|          | 22       |          |          |               |          |          |    |          |          |          | 1   |       | 72       |  |          |            |          |          |              |          |           |
|          | 23       |          |          |               |          |          |    |          | T-       |          | 1   |       | 73       |  |          |            |          |          |              |          |           |
|          | 24       |          |          |               |          |          |    |          |          |          |     |       | 74       |  |          |            |          |          |              |          |           |
|          | 25       |          |          |               |          |          |    |          |          |          | ]   |       | 75       |  |          |            | Ĭ        | <u> </u> |              |          |           |
|          | 26       |          |          |               |          |          |    |          |          |          |     |       | 76       |  |          |            | L        |          |              |          |           |
|          | 27       |          |          |               |          |          |    |          |          |          |     |       | 77       |  |          |            |          |          |              |          |           |
|          | 28       |          |          |               |          |          |    |          |          |          |     |       | 78       |  |          |            |          |          |              |          |           |
|          | 29       |          |          |               |          |          |    |          |          |          | ]   |       | 79       |  |          | <u>L</u>   |          |          |              |          |           |
|          | 30       |          |          |               |          |          |    |          |          |          |     |       | 80       |  | L        |            |          | L.       |              |          |           |
|          | 31       |          |          |               |          |          |    |          | L        | _        | ]   |       | 81       |  |          | <u>L</u>   |          |          | _            |          | Ш         |
|          | 32       |          |          |               |          |          |    |          |          |          |     |       | 82       |  |          | L          |          |          |              | L        |           |
|          | 33       |          |          |               |          |          |    |          |          | L        | ] ' |       | 83       |  |          | <u> </u>   |          |          | _            |          | Ш         |
|          | 34       |          |          |               |          |          |    |          | L        |          |     |       | 84       |  | $\perp$  |            | Ĺ        |          |              | Ľ.       | Ш         |
|          | 35       |          |          | L_            |          |          |    |          | _        |          | ]   |       | 85       |  | <u> </u> | 匚          |          |          | _            | L        | $\sqcup$  |
|          | 36       |          |          |               |          |          |    | _        | L_       | _        |     |       | 86       | $\sqcup \bot$                                    | 1_       | L.         | L_       | _        |              | L.       | Ш         |
|          | 37       |          | L        |               |          |          | L. | _        | <u> </u> | 1        | ]   |       | 87       | $\perp \perp$                                    | $\perp$  | <u> </u>   | <b> </b> | <u> </u> | <u> </u>     | L        | Ш         |
| L        | 38       | L.,      |          |               | <u> </u> |          |    | <u>L</u> | L_       | L_       | l l |       | 88       | $\perp \perp$                                    | 4        |            | L-       | <u> </u> |              | L.,      | Ш         |
|          | 39       | _        | Ш        | L_            |          | _        |    |          | _        | 1        |     |       | 89       | $\vdash$   | 1        | <u> </u>   | _        | _        | <u> </u>     |          | Ш         |
|          | 40       | L.,      | Ш        | <u></u>       | <u> </u> | Ļ_,      | L  | <u> </u> | L_       | _        |     |       | 90       | $\perp \perp$                                    | $\perp$  | ļ          | L        | <u> </u> |              | L        | Ш         |
|          | 41       |          | L        | _             | _        |          |    |          | _        | _        |     |       | 91       | -  | 1        | <u> </u>   | <u> </u> | <u></u>  | _            | L_       | Ш         |
|          | 42       | L        | L.,      |               | <u> </u> | _        |    | <u> </u> | <u> </u> | <u> </u> |     |       | 92       | <b> </b>   | $\perp$  | $\vdash$   | ļ        | <u> </u> | <u> </u>     |          | Щ         |
|          | 43       | _        | Ш        | <u> </u>      | _        | ļ        |    |          | <u> </u> |          |     | L     | 93       | <u> </u>   |          | ļ          | <u> </u> | 1        |              | $\vdash$ | Ш         |
| <u></u>  | 44       | _        | <u> </u> |               | _        | <u> </u> |    | <u> </u> |          | _        |     |       | 94       | <del>                                     </del> | $\perp$  | <u> </u>   | L.       | L        |              | oxdot    | Ш         |
|          | 45       | <u> </u> | Ш        |               | _        | <u> </u> |    | 1        | <u> </u> | 1_       |     | l     | 95       |  | $\perp$  | 1          | <b>├</b> | 1_       | _            | <u> </u> | Ш         |
| <u> </u> | 46       | L.,      |          |               | _        | <u>_</u> |    | <u> </u> | <b>├</b> | _        |     |       | 96       | ⊢⊢   | +-       |            | <u> </u> | <u> </u> | <b> </b> _   | $\vdash$ | $\vdash$  |
|          | 47       | $\vdash$ | Ь        | <u> </u>      | <u> </u> |          | _  | <u> </u> | 1_       |          |     |       | 97       |  | +-       | <u> </u>   | -        | _        |              | <u> </u> | Ы         |
|          | 48       |          |          | <u> </u>      | -        | $\vdash$ |    | <u> </u> |          |          | ,   |       | 98       | <b>├</b> ├-                                      | $\perp$  | -          | ⊢-       | $\vdash$ | <del> </del> | $\vdash$ | Н         |
| -        | 49       |          |          |               | -        | _        |    | <u> </u> | <u> </u> |          |     |       | 99       |  | +        | $\vdash$   | -        |          | -            | <u> </u> | $\vdash$  |
|          | 50       | L        | L        |               |          | لـــا    |    |          | Ц        | Щ.       | J   | L     | 100      | Ш_   |          | Щ          | Ц_       | <u> </u> | <u>_</u>     | Щ.       | Ш         |

| Claim         |                | Date         |              |                   |          |          |  |                |          |           |  |  |
|---------------|----------------|--------------|--------------|-------------------|----------|----------|--|----------------|----------|-----------|--|--|
| ì '           |                |              |              |                   |          |          |  |                |          |           |  |  |
| Final         | Original       |              |              |                   |          |          |  |                |          |           |  |  |
| 证             | Ę              | }            |              | Ì                 | '        |          |  |                |          | ı         |  |  |
| ĺ             |                |              |              | l                 |          |          | l  |                |          |           |  |  |
|               | 51             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 52             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 53             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 54             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 54<br>55       |              |              |                   |          |          |  |                |          |           |  |  |
|               | 56             |              |              | L_                |          |          | L  |                |          |           |  |  |
|               | 57             | <u>L</u> .   |              |                   |          |          | <u>_</u>   |                | L.       | Ш         |  |  |
| L             | 58             |              |              | <u> </u>          |          |          | L  |                | L        |           |  |  |
|               | 59             | _            | L            | <u> </u>          |          | _        | <u> </u>   |                |          |           |  |  |
| L             | 60             | L.,          |              |                   | L_       | _        | Щ  |                |          | Щ         |  |  |
| <u> </u>      | 61             | _            |              |                   | L_       |          | L.   |                | L        |           |  |  |
| L             | 62             | <u> </u>     | _            |                   | ļ        | _        | $oxed{oxed}$                                     | <u> </u>       | L        | Ш         |  |  |
| <u> </u>      | 63             | <u> </u>     | L            | <u> </u>          | <u>L</u> | <u> </u> | L  |                | L        | $\sqcup$  |  |  |
| <b>⊢</b> —    | 64             | <u> </u>     | <u> </u>     | <u> </u>          | <u> </u> | ļ        | <u> </u>   | <u> </u>       | Щ        | Ш         |  |  |
|               | 65             | <u> </u>     | <u> </u>     |                   | <u> </u> | <u> </u> | _  | <u> </u>       | <u> </u> | Ш         |  |  |
| ļ             | 66             | $\vdash$     | <u> </u>     | <del> </del>      | <u> </u> | <u> </u> | <u> </u>   | $\vdash$       | L-       | $\square$ |  |  |
|               | 67             | <u> </u>     | <u> </u>     | <u> </u>          | <u> </u> | _        |  | <u> </u>       | ļ        | Ш         |  |  |
| <u></u>       | 68             | <u>_</u>     | <u> </u>     |                   | ļ        | L_       | <u> </u>   |                | L        |           |  |  |
|               | 68<br>69<br>70 | <u> </u>     | <u> </u>     | <u> </u>          | <u> </u> |          | ļ  | L              |          | Ш         |  |  |
|               | 70             |              | ļ            | <u> </u>          | _        | Щ        | <u> </u>   | <u> </u>       | ļ        | Щ         |  |  |
|               | 71<br>72       | L            | _            | _                 | ļ        | ļ        |  | _              | <u> </u> | $\vdash$  |  |  |
| <u> </u>      | 72             | <u> </u>     | <u> </u>     | <del> -</del> -   | ⊢        | _        |  | $\vdash$       |          | Н         |  |  |
|               | 73             | <u> </u>     | <u> </u>     | -                 |          | <u> </u> | <u> </u>   | <u> </u>       | <u> </u> | Н         |  |  |
|               | 74<br>75       | <u> </u>     | ├            | -                 | ┝        | -        |  | <u> </u>       | <u> </u> | Н         |  |  |
|               | 76             | -            |              | -                 | -        | ├        | -  | <del> </del> — | ├        | Н         |  |  |
|               | 76<br>77<br>78 | $\vdash$     | <del> </del> | -                 | ├-       |          | ┢  | $\vdash$       | $\vdash$ | Н         |  |  |
|               | 78             | -            |              | $\vdash$          |          | -        | _  | -              | ┢        | Н         |  |  |
|               | 79             | <del> </del> | $\vdash$     | -                 | $\vdash$ | ├─       | -  |                | H        | $\vdash$  |  |  |
|               | 80             | -            | $\vdash$     | -                 | ┢        | -        | $\vdash$   | <del> </del>   | ┝        | Н         |  |  |
| $\overline{}$ | 81             | $\vdash$     | <del> </del> | _                 | H        | ┝        | $\vdash$   | <u> </u>       | -        | Н         |  |  |
|               | 82             | <del> </del> | $\vdash$     | 1                 | <u> </u> |          |  |                | $\vdash$ | H         |  |  |
|               | 83             | $\vdash$     | ✝            |                   | $\vdash$ |          | <del>                                     </del> | $\vdash$       |          |           |  |  |
|               | 84             | $\vdash$     | $r^-$        |                   |          |          |  | $\vdash$       | <u> </u> | П         |  |  |
|               | 85             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 86             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 86<br>87       |              |              |                   |          |          |  |                |          |           |  |  |
| [             | 88             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 89             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 90             |              |              |                   |          |          |  |                | L        |           |  |  |
|               | 91             |              |              |                   |          |          |  |                |          |           |  |  |
|               | 92             |              | L            |                   |          | تبا      |  | <u>_</u>       | L        | $\square$ |  |  |
|               | 93             | _            | _            | _                 | L        | _        | <u> </u>   | _              | Ш        |           |  |  |
| L             | 94             | L            | L_           | L                 |          | L        | L  | <u> </u>       | L        |           |  |  |
| L             | 95             | _            | _            |                   | _        |          | _  | _              | L_       |           |  |  |
| <u> </u>      | 96             | <u> </u>     | L_           | <u> </u>          |          | L        | _  | <u> </u>       | $\perp$  |           |  |  |
|               | 97             | <u> </u>     | <u> </u>     | <u> </u>          | <u> </u> |          | _  |                | <u>L</u> |           |  |  |
| L             | 98             | <u> </u>     | <u> </u>     | $ldsymbol{f eta}$ |          | L.,      | <u> </u>   | <u> </u>       | _        | Щ         |  |  |
| <b> </b>      | 99             | _            |              | <u> </u>          |          | <u> </u> | ļ  |                | <u> </u> |           |  |  |
|               | 100            | i            | l            |                   | l        |          | İ  | Ι.             | ı        |           |  |  |

| CI       | aim   | _          |          |            | [          | Date     | 9        |          |          |          |
|----------|---|------------|----------|------------|------------|----------|----------|----------|----------|----------|
|          |   |            |          |            |            |          |          |          |          |          |
| Final    | Original  |            | <br>     |            |            |          |          |          |          |          |
| <u> </u> | 101<br>102<br>103   | Н          |          | -          |            |          | H        | _        | _        | _        |
| $\vdash$ | 102   | Н          | _        |            | -          | _        | $\vdash$ |          | -        | $\vdash$ |
| $\vdash$ | 102   | $\vdash$   | _        | $\vdash$   | -          | $\vdash$ | ├─       | H        | _        | -        |
|          | 104   |            |          | <u> </u>   | _          | <u> </u> | -        | -        |          |          |
| <u> </u> | 105   | $\vdash$   |          |            | _          | <u> </u> | ⊢        | ┝┈       | <u> </u> | -        |
| <u> </u> | 105   |            | _        | <u> </u>   | _          |          | _        |          | <u> </u> |          |
| ļ        | 106   | $\vdash$   | _        | <u> </u>   | _          | ļ        | ⊢        | _        | <u> </u> | Щ        |
| <b>├</b> | 107   | L          |          | <u> </u>   | _          | <u> </u> | <u> </u> | <u> </u> | <u> </u> | -        |
| ļ        | 108   | _          |          | <u> </u>   | _          | <u> </u> | <u> </u> | ļ.,      | <u> </u> | _        |
|          | 109   |            |          | <u> </u>   | _          | <u> </u> | <u> </u> | <u> </u> |          | L        |
| <u> </u> | 110   |            | _        | H          |            | ļ_       |          | ļ        | <u> </u> |          |
|          | 111<br>112  |            | _        | ļ          | L          | <u> </u> | <u> </u> | _        | <u> </u> | Щ        |
| <u> </u> | 112   |            |          |            | _          | ļ        | <u> </u> | _        | ļ.,      |          |
|          | 113   | L.,        | _        | <u> </u>   | <u> </u>   | <u> </u> |          | -        |          | <u> </u> |
| <u> </u> | 114   |            | _        | <u> </u>   |            | ļ        | $\vdash$ |          | <u> </u> | <u> </u> |
| <u></u>  | 113<br>114<br>115<br>116  | L          | <u> </u> |            |            | <u> </u> |          | ļ        | <u> </u> | L        |
| <u></u>  | 116   |            |          | <u> </u>   | <u> </u>   |          |          | <u> </u> | <u> </u> |          |
|          | 117   | _          |          | <u> </u>   |            | L_       |          |          | <u> </u> | _        |
|          | 118   |            | _        | ļ          | L.         | _        |          | L.       | <u> </u> | -        |
| <u> </u> | 119   |            | _        | _          | _          | <u></u>  | _        | <u> </u> | L-       | L.       |
|          | 120   | L          | _        | L_         |            | <u> </u> |          | ļ        | _        | Ш        |
|          | 121   |            | L_       | <u> </u>   | _          |          |          | L        | _        | L.       |
|          | 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |            |          | L          | L          | ļ        | _        | _        | L.       | L        |
|          | 123   |            | _        | L.         |            | <u> </u> |          | <u> </u> | _        | _        |
|          | 124   | Ĺ          |          | L          | L.         | L        |          |          | L        | _        |
|          | 125   | <u>L</u> . |          | <u> </u>   |            | L_       |          | L        | <u>_</u> | _        |
|          | 126   |            |          | L.         |            | L_       | _        | <u> </u> | _        | L_       |
|          | 127   |            |          | <u>L</u> . |            | L.       |          |          | <u>_</u> |          |
|          | 128<br>129  |            | L.,      | L          |            | L.       |          | _        | L        |          |
|          | 129   | _          |          | _          |            | L_       | _        | _        | <u> </u> | L.       |
|          | 130   |            |          | L          |            | <u> </u> |          |          | _        |          |
|          | 131   |            |          | L          |            | L        | <u></u>  | <u></u>  | _        |          |
|          | 132<br>133  |            | L.       | <u>_</u>   |            | L        | _        |          | Ĺ        |          |
|          | 133   |            | _        | <u>_</u>   | <u>L</u>   | L        | _        | _        |          | _        |
|          | 134   |            |          | L.,        |            | L        |          | _        | _        |          |
| <u></u>  | 135   |            | L        | <u> </u>   | _          | <u> </u> | _        |          | L_       | L_       |
|          | 136<br>137  | Ĺ.,        | _        | L_         | _          | <u> </u> | <u>L</u> | _        | L_       | L        |
| <u></u>  | 137   |            | L.       | <u>_</u>   |            | <u> </u> | _        |          | <u> </u> | _        |
|          | 138<br>139  | L          |          | L.         |            |          | L_       |          | L_       |          |
|          | 139   |            | L        | L          |            | <u> </u> | <u> </u> | _        | _        | _        |
|          | 140   |            |          | L          |            | L        |          | _        | L        |          |
| L        | 141   | L.         |          | 匚          |            | <u> </u> | ļ        | <u> </u> | <u> </u> | _        |
|          | 142<br>143  |            |          | <u> </u>   |            | L.       |          | _        | <u> </u> | L.       |
|          | 143   | L          | L        | <u> </u>   | <u> </u>   |          |          |          | <b> </b> | <u> </u> |
|          | 144   |            | L        | <u> </u>   | _          | _        | <u> </u> |          | L_       | L.       |
|          | 145   | _          | L_       |            |            | <b> </b> | _        | _        | <b> </b> | _        |
|          | 146_  | _          | L        | <u> </u>   | _          | <u> </u> | <u> </u> | L_       |          | ļ        |
| <u> </u> | 147   |            | L_       | <b> </b>   | <u> </u>   | <u> </u> | _        |          | <u> </u> | <u> </u> |
| L        | 148   | <u> </u>   | L        |            |            |          | <u> </u> | _        | <u> </u> | Щ.       |
| <u></u>  | 149   | _          | <u> </u> | <u> </u>   | <u>L</u> . | _        | _        | <u> </u> | <u> </u> | L.       |
| L        | 150   |            | L        | L          | L          | <u> </u> | L_       |          |          |          |
|          |   |            |          |            |            |          |          |          |          |          |